

IN THE ABSTRACT:

Kindly replace the abstract of the disclosure with the following new abstract:

**WIRELESS DATA COMMUNICATION METHOD VIA ULTRA-WIDE BAND ENCODED
DATA SIGNALS, AND RECEIVER DEVICE FOR IMPLEMENTING THE SAME**

This invention concerns a ~~In the~~ wireless data communication method, wherein a transmitter device (2) having a first wide band antenna (27) transmits ultra-wide band encoded data signals to a receiver device (3) having a second wide band antenna (37) for receiving the direct and/or multiple path encoded data signals. The transmitted data is defined by one or several sequences of N pulses where N is an integer number greater than 1. The arrangement of the N pulses of each sequence ~~represents~~constitutes a data encoding relative to the transmitter device. The N pulses of ~~a one~~ sequence of direct and/or multiple path encoded data signals received by the receiver device are ~~each~~ processed each in one of ~~a among~~ N corresponding reception temporal-reception time windows. Each of the N ~~temporal-reception time~~ windows is positioned in time ~~based as a function of~~ on a known theoretic arrangement of the N pulses of the signals transmitted by the transmitter device. An ~~adding~~ operation of the N windows is ~~subsequently~~ then performed in the receiver device so that the ~~coherently added pulse-amplitude level~~ of the constantly added pulses is higher than the ~~noise-amplitude level~~ of the noise sensed picked up by the receiver device (3).

Figure 1a